**WHAT IS CLAIMED IS:**

1. A trigger assembly for a crossbow having a stock and a transverse bow with a bowstring, the trigger assembly comprising:

a housing adapted to be mounted on the stock and having a top, a bottom, a front end, a rear end, a side, a mouth with a top and a bottom defined transversely in the front end and a slot defined transversely through the side and parallel to the mouth;

a trigger mounted pivotally in the housing and having a top portion and a bottom portion that protrudes out from the bottom of the housing;

an actuating lever mounted pivotally in the housing, abutting the top portions of the trigger and having a front end with a hook and a rear end;

a bowstring catch mounted pivotally in the housing and having a front end, a rear end, a string hook formed on the front end and corresponding to the mouth in the housing and a leg extending downward from the rear end and selectively engaging the hook on the actuating lever;

a bowstring catch biasing member mounted in the housing between the top of the housing and the bowstring catch to pivot the string hook out of the mouth;

a safety pin mounted moveably in the housing and having a top and a bottom that is supported on the rear end of the actuating lever;

a safety lock mounted moveably in the housing and having a front end, a rear end corresponding to and selectively abutting the top of the safety pin and a push rod extending transversely from the safety lock and out of the slot in the housing;

a pushing arm mounted moveably in the housing and having a bottom, a front end corresponding to the mouth in the housing, a rear end and a protrusion abutting the push rod on the safety lock;

a block mounted pivotally in the housing and having a transverse rod extending transversely from the block and selectively engaged by the front end of the pushing arm;

a block biasing member mounted in the housing and connected to the block to push the block into the mouth when the transverse rod on the block disengages from the front end of the pushing arm; and

a string stop mounted pivotally in the housing , extending into the mouth and corresponding to the block.

2. The trigger assembly as claimed in claim 1, wherein the housing is composed of two half shells attached to each other.

3. The trigger assembly as claimed in claim 2, wherein the pushing arm further has a notch defined in the bottom at the front end to selectively engage the transverse rod on the block.

4. The trigger assembly as claimed in claim 3, wherein the mouth has a top and a bottom;

the block is pivotally mounted in the housing at the bottom of the mouth and has a top selectively extending into the mouth and a bottom;

the second biasing member has one end connected to the bottom of the block; and

the string stop is pivotally mounted in the housing at the top of the mouth.

5. The trigger assembly as claimed in claim 4 further comprising a sight mount mounted on the top of the housing to support an aiming device.

6. The trigger assembly as claimed in claim 5, wherein the sight mount is pivotally attached to the top of the housing and has a bottom, a pivot point, a front segment forward of the pivot point and a rear segment aft of the pivot point; and

an adjusting device is mounted in the housing to adjust the sight mount vertically relative to the housing, and the adjusting device comprises

an adjustment knob rotatably mounted in the rear end of the housing and having a stub with an outer periphery rotatably extending into the housing and a cam formed on the outer periphery of the stub;

a pushing block mounted moveably in the housing and having a top extending out from the top of the housing and abutting the bottom of the sight mount in the rear segment and a concave bottom abutting the cam on the adjustment knob; and

a sight mount biasing member mounted between the top of the housing and the bottom of the sight mount at the front segment.

7. The trigger assembly as claimed in claim 6 further comprising a resilient arrow retainer mounted on the top of the housing and extending downward to correspond to the mouth in the housing.

8. The trigger assembly as claimed in claim 1, wherein the pushing arm further has a notch defined in the bottom at the front end to selectively engage the transverse rod on the block.

9. The trigger assembly as claimed in claim 1, wherein the mouth has a

top and a bottom;

the block is pivotally mounted in the housing at the bottom of the mouth and has a top selectively extending into the mouth and a bottom;

the second biasing member has one end connected to the bottom of the block; and

the string stop is pivotally mounted in the housing at the top of the mouth.

10. The trigger assembly as claimed in claim 1 further comprising a sight mount mounted on the top of the housing to support an aiming device.

11. The trigger assembly as claimed in claim 8, wherein the sight mount is pivotally attached to the top of the housing and has a bottom, a pivot point, a front segment forward of the pivot point and a rear segment aft of the pivot point; and

an adjusting device is mounted in the housing to adjust the sight mount vertically relative to the housing, and the adjusting device comprises

an adjustment knob rotatably mounted in the rear end of the housing and having a stub with an outer periphery rotatably extending into the housing and a cam formed on the outer periphery of the stub;

a pushing block mounted moveably in the housing and having a top extending out from the top of the housing and abutting the bottom of the sight mount in the rear segment and a concave bottom abutting the cam on the adjustment knob; and

a sight mount biasing member mounted between the top of the housing and the bottom of the sight mount at the front segment.

12. The trigger assembly as claimed in claim 1 further comprising a resilient arrow retainer mounted on the top of the housing and extending downward to correspond to the mouth in the housing.